

# Colchicine

<b>Inchi:</b>	InChI=1S/C21H23NO6/c1-11(23)22-15-7-5-12-9-18(26-2)20(27-3)21(28-4)19(12)13-6-8-
<b>InchiKey:</b>	PRGILOMAMBLWNG-UHFFFAOYSA-N
<b>Formula:</b>	C21H23NO6
<b>SMILES:</b>	<chem>COc1cc2c(c(OC)c1OC)-c1ccc(O)c(=O)cc1C(N=C(C)O)CC2</chem>
<b>Mol. weight [g/mol]:</b>	385.41
<b>CAS:</b>	102491-69-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.77		Crippen Method
logp	3.409		Crippen Method
mcvol	284.970	ml/mol	McGowan Method

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C102491690&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C102491690&amp;Units=SI</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume

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